

#### Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at <a href="http://about.jstor.org/participate-jstor/individuals/early-journal-content">http://about.jstor.org/participate-jstor/individuals/early-journal-content</a>.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

## THE AMERICAN MATHEMATICAL MONTHLY

OFFICIAL JOURNAL OF THE

## MATHEMATICAL ASSOCIATION OF AMERICA

(INCORPORATED)

#### DEVOTED TO THE INTERESTS OF COLLEGIATE MATHEMATICS

#### EDITED BY

RAYMOND CLARE ARCHIBALD, EDITOR-IN-CHIEF

WALLIE ABRAHAM HURWITZ

HERBERT ELLSWORTH SLAUGHT

#### WITH THE COOPERATION OF

ALBERT A. BENNETT
EDWARD L. DODD
OTTO DUNKEL
BENJAMIN F. FINKEL

CUTHBERT F. GUMMER
DERRICK N. LEHMER
HENRY P. MANNING
RAYMOND B. MCCLENON

ULYSSES G. MITCHELL ELTON J. MOULTON DAVID E. SMITH HORACE S. UHLER

The American Mathematical Monthly, founded in 1894 by Benjamin F. Finkel, was published by him until 1913. From 1913 to 1916 it was owned and published by representatives of fourteen Universities and Colleges in the Middle West

VOLUME XXVII, 1920 NUMBER 11, NOVEMBER

## PUBLISHED BY THE ASSOCIATION LANCASTER, PA., AND PROVIDENCE, R. I.

Entered at the Post Office at Lancaster Pa., as Second Class Matter
PUBLISHED MONTHLY

Rates for 1920: \$3.00 a year, Single Copies 35 cents to Members; \$4.00 a year, Single Copies 50 cents, to Others.

Rates for 1921: \$4.00 a year, Single Copies 45 cents to Members; \$5.00 a year, Single Copies 60 cents, to Others.

## J. B. LIPPINCOTT COMPANY Announces

### HOUSEHOLD ARITHMETIC

By KATHERINE F. BALL, M.A., Vocational Adviser for Women, University of Minnesota, and

MIRIAM E. WEST, M.A., Teacher of Mathematics, Girls Vocational High School, Minneapolis.

39 Illustrations. \$1.48.

An arithmetic for girls, constructed to meet the special problems of the home and to accustom them to the solution thereof. Recognizing that the experiences of men are not those of the home, the authors here present a text, drawing its material from the common experience of the home maker, and building up through the familiarity of these experiences a command of the essentials of arithmetic.

The text is arranged according to the phases of home economics and correlates perfectly with home economic courses, which makes arithmetic much more attractive to the girl because the problems dealt with are those with which she comes in contact in everyday life. The pedagogy is modern and sound; although in a sense a review arithmetic, the book presents its topics in the simplest and most thorough manner. It is possible to divide the book into the parts of arithmetic lying within certain definite household fields—see table of contents.

#### J. B. LIPPINCOTT COMPANY

East Washington Square PHILADELPHIA, PA.

2126 Prairie Avenue CHICAGO, ILL.

# Equipping the Average Man SCHORLING AND REEVE'S GENERAL MATHEMATICS

This textbook for the first year in high school offers the mathematical help that the average man will need most. Formalism has been reduced to the minimum. The function concept permeates the whole course. There is adequate work with the equation, the formula, and the graph. There are separate chapters on statistics, functions, logarithms and the slide rule. All the material is so arranged as to facilitate the laboratory method of instruction and to assist the teacher in making supervised study an integral part of the recitation. The book provides a wealth of desirable options.

GINN AND COMPANY

2301 Prairie Avenue CHICAGO, ILL.